



**SHENZHEN PRECISIONER DIECASTING MOLD CO., LTD.**  
Equipment List

# Processing

Five-axis CNC

CNC

EDM

WEDM

## Five-axis CNC

Brand: MAKINO  
Type: D500  
Travel distance: 750\*650\*560mm  
Rotation diameter (Max):  $\Phi$ 650mm  
Rated spindle speed: 20000rpm  
Positioning accuracy: 0.0025mm



## Five-axis CNC

Brand: DMG  
Type: 75 monoBLOCK  
Travel distance: 750\*650\*560mm  
Rotation diameter (Max):  $\Phi$ 650mm  
Rated spindle speed: 20000rpm  
Positioning accuracy: 0.006mm



## CNC

Brand: MAKINO、DMG、FANUC、  
DAHLIH  
Quantity: 23  
Accuracy:  $< 0.003$ mm



## EDM、WEDM

Brand: DAEHAN、HSPK、TELUE  
Quantity: 15  
Accuracy:  $< 0.005$ mm

# Processing

## Gantry CNC



### Gantry CNC

Brand: AWEA  
Type: SP-2016  
Travel distance: 2100\*1600\*760mm  
Rated spindle speed: 12000rpm/min  
Positioning accuracy:  $\pm 0.015$ mm  
Bearing capacity: 8 tons



### Gantry CNC

Brand: AWEA  
Type: LP-3021YZ  
Travel distance: 3000\*2800\*1200mm  
Rated spindle speed: 12000rpm/min  
Positioning accuracy:  $\pm 0.015$ mm  
Bearing capacity: 10 tons

# QC

Pendulum Impact Testing Machine

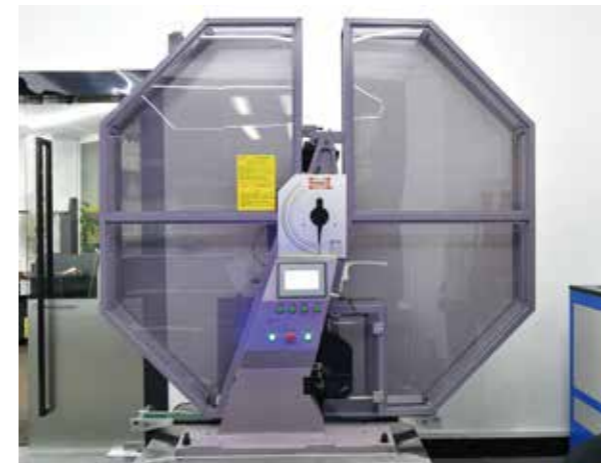
X-ray Measuring Machine

3D Scanner

Rockwell Hardometer

## Pendulum Impact Testing Machine

Brand: WANCE  
Type: PIT452D  
Impact energy(Max): 450J  
Pendulum pre elevation angle: 150°  
Angular resolution: 0.025°  
Impact absorbing energy: ≤0.4%  
Impact speed: 5.24m/s



## X-ray Measuring Machine

Brand: YXFord  
Type: Global XT 7600-160KV  
Measuring range: 500\*500\*700mm  
Penetrable thickness (Max): 2400l/mm (Al/Mg)  
Detection precision (Min): 0.14mm  
Bearing: 75KG  
Radiation leakage: <math><0.5 \mu\text{Gy/h}</math>



## 3D Scanner

Brand: GOM  
Type: ATOS Com  
Pixels: 12 million  
Resolution: 4112\*3008  
Measuring range: 110-1500mm  
Detection precision: 0.01-0.03mm  
Lens distance: 0.04-0.15mmpact Scan



## Rockwell Hardometer

Brand: Zwick/Roell  
Type: ZHR 4150TK  
Test load: 10, 60, 100, 150kgf  
Throat depth: 250mm  
Measurable height: 150mm  
Diameter of surface correction: 3-20mm  
Holding time: 1-50s

# Die Casting

1650T DC Machine

500T DC Machine

800T DC Machine

Die Spotting Machine

## 500T DC Machine

Brand: LK  
Type: DCC 500  
Clamping force: 5000 KN  
Tiebar clearance: 760\*760mm  
Casting force (Max): 460KN  
Casting weight (Max): 7.1kg



## 800T DC Machine

Brand: LK  
Type: DCC 800  
Clamping force: 8000 KN  
Tiebar clearance: 910\*910mm  
Casting force (Max): 670KN  
Casting weight (Max): 11.3kg



## 1650T DC Machine

Brand: UBE  
Type: 1650iV-J  
Clamping force: 16500KN  
Tiebar clearance: 1500\*1300mm  
Casting force (Max): 1295KN  
Casting speed: 0.1~10m/sec  
Casting weight (Max): 35kg



## Die Spotting Machine

Brand: SHUNXING  
Type: SX300JM-YC  
Table size: 2200\*1800mm  
Mold opening space: 2300mm  
Clamping force: 300T  
Mold opening force: 56T

# Equipment

Processing Machine

QC Machine

DC Machine

Others

No.	Category	Brand	Type	Travel (mm)	Quantity
1	CNC (Computer Numerical Control)	MAKINO	F5-900	900*500	1
2		MAKINO	E33	600*450	1
3		FANUC	D14MiA	500*400	1
4		FANUC	D21MIA	500*400	1
5		DAHLIH	MCV-860	860*550	6
6		DAHLIH	MCV-1200	1200*600	3
7		DAHLIH	PT-128A	1200*900	3
8		JTGK	JTGK-600C	500*600	2
9		GDM	GDM-850	800*500	1
10		GDM	GDM-1060	1000*600	1
11		HAWEST STAR	HS1690G	1600*900	1
12		HAWEST STAR	HS1276G	1200*700	2
13	Four-axis Double-table Computer Numerical Control	OKUMA	MAR-630H	1000*800	4
14	Five-axis Computer Numerical Control	DMG	75 monoBLOCK	750*650	1
15		MAKINO	D500	500+30\~120	1
16	Gantry CNC	AWEA	SP-2016	2100*1600*960	1
17		AWEA	LP-3021YZ	3000*2800*1200	1
18	EDM (Electrical Discharge Maching)	DAEHAN	TURBO EDM-500CNC	800*590	1
19		DAEHAN	TURBO EDM-700CNC	900*600	1
20		HSPK	Double Heads HE180	1800*900	1
21		HSPK	HE70	900*500	2
22		JIAHENG	ZMC-450	500*400	1
23		DIC-W	DW-4050	500*400	1
24		MAKINO	EDNC106	1000*600	1
25	WEDM (Wire Cut Electrical Discharge Machining)	TELUE	TL-8063BH	800*630	1
26		TELUE	TL-5040H	400*500	2
27		XINKUAI	DK7750	500*630	1
28		XINKUAI	DK7763	630*800	1
29		MAKINO	U86	800*600	2
30	CMM	ZEISS	CONTURA 7/10/6 RDS	700*1000	1
31		HEXAGON	EXPLORER CLASSIC 06.08.06	600*800	1
32		HEXAGON	EXPLORER CLASSIC 10.12.08	100*1200	1
33		AEH	DAISY8106	800*1000	1
34	OMM	Easson	4030	400*300	2
35	Ultrasonic Flaw Detector	OLYMPUS	EP650-LX-ACC-K	-	2
36	Optical Emission Spectrometer	Skyray	OES 8000S	≥φ20	1
37	3D Scanner	GOM	ATOS Compact Scan	100-1200	1
38	Metallographic Microscope	Novel	MR5000	≥φ10	1

# Equipment

Processing Machine

QC Machine

DC Machine

Others

No.	Category	Brand	Type	Travel (mm)	Quantity
39	Metallographic Inlay Machine	Veiyee	XQ-2B (30mm)	φ30	1
40	Metallographic Grinding Machine	Veiyee	MoPao@2	φ250	1
41	Grinding Machine	KENT	KGS-84AH	920*450	2
42	Cnc Lathe	ZHONGJIE	CAK 5085	D400*770	1
43	Hardness Tester	G&R TECHNOLOGY INC	HT-1001A	-	3
44	High Temperature Furnace	BlueSky	SXC-4-13C	150*150*50	1
45	Rockwell Hardometer	Zwick/Roell	ZHR4150-TK	Thickness≤150	1
46		HUANGXING	HR-150A	150	1
47	Die Casting Machine	LK IMPRESS-III	DCC500	500T	1
48		LK IMPRESS-III	DCC800	800T	1
49		UBE	1650IV-J	1650T	1
50	Fitting Machine	NICE	NC70-1007	1000*700	1
51		SHXMACHINE	SX300JM	2200*1800	1
52		SHXMACHINE	SX800YC-II	4200*3500	1
53	Crane	HUARUI	60T+30T	-	1
54		HUARUI	20T+10T	-	1
55		HUARUI	10T+5T	-	1
56		HUARUI	5T	-	1
57		HUARUI	3T	-	2
58		YONGTONG	2.8T	-	1
59		DAXINGFA	5T	-	1
60		TIANKUN	10T+5T	-	1
61		TIANKUN	10T	-	1
62		TIANKUN	5T	-	3
63		TIANKUN	2T	-	1
64	Tempering Furnace	ZD	HX4A-48-600	1000*1000	1
65		FX	FXL-120-6	1400*1400	1
66		FX	FXL-120-6	1100*1000	1
67	Precision Milling Machine	JIASHENG	JS-DX1500	1500*800	1
68	X-ray Measuring Machine	YXFord	Global XT 7600-160KV	φ800	1
69	Thermal Imager	BOSCH	GTC400C	-	1
70	Quick Clamping Fixtures	3A	ITS	-	23+1200
71	Broacher	CHAONENG	CSL-Y	10*10*55	1
72	Pendulum Impact Testing Machine	WANCE	PIT452D	/	1
73	Seven Axes Gun Drilling	ACCURATE	AMG18	1300*1200*700*1100	1
74	Radial Drilling	ZHONGJIE	Z305016-1	1600*1250	2